

Title (en)
Spread-spectrum system and method

Title (de)
Speizspektrumssystem und -verfahren

Title (fr)
Système et procédé de spectre étalé

Publication
EP 1041727 A3 20030618 (EN)

Application
EP 00114939 A 19951222

Priority
• EP 95943981 A 19951222
• US 36871095 A 19950104

Abstract (en)
[origin: EP1043844A2] The present invention discloses a communication station for communicating with a second station in a cellular-communication network using spread spectrum modulation wherein the second station transmits power commands to the communication station based on a received power level from the communication station, the communication station comprising: a transmitter having an adjustable transmitter power level for transmitting spread-spectrum signals; means for sequentially receiving power commands from a second station with which communication is being conducted; means for comparing a sequence of at least two of the received power commands to determine if the received commands in the sequence match; and means for adjusting the transmitter power level at a same rate as the reception of the power commands; wherein if the command sequence matches the transmitter power level is adjusted by a different amount than if the command sequence does not match. A method for adjusting a transmitter power level is also disclosed.

IPC 1-7
H04B 1/707

IPC 8 full level
G06F 17/10 (2006.01); **H03G 3/30** (2006.01); **H04B 1/04** (2006.01); **H04B 1/707** (2011.01); **H04B 1/7115** (2011.01); **H04B 1/712** (2011.01); **H04B 7/005** (2006.01); **H04B 7/26** (2006.01); **H04J 13/00** (2011.01); **H04J 13/16** (2011.01); **H04W 52/22** (2009.01); **H04W 52/52** (2009.01); **H04W 84/00** (2009.01); **H04B 1/709** (2011.01); **H04B 1/7093** (2011.01); **H04J 13/10** (2011.01); **H04W 52/36** (2009.01)

IPC 8 main group level
H04B (2006.01)

CPC (source: EP FI US)
H03G 3/3042 (2013.01 - EP US); **H03G 3/3047** (2013.01 - EP US); **H04B 1/69** (2013.01 - US); **H04B 1/707** (2013.01 - EP FI US); **H04B 1/7115** (2013.01 - EP US); **H04B 1/712** (2013.01 - EP US); **H04B 7/005** (2013.01 - FI); **H04J 13/00** (2013.01 - EP US); **H04J 13/0003** (2013.01 - EP US); **H04J 13/16** (2013.01 - EP US); **H04W 52/04** (2013.01 - US); **H04W 52/08** (2013.01 - FI); **H04W 52/22** (2013.01 - EP US); **H04W 52/221** (2013.01 - EP FI US); **H04W 52/225** (2013.01 - EP US); **H04W 52/228** (2013.01 - EP US); **H04W 52/36** (2013.01 - EP US); **H04W 52/362** (2013.01 - EP US); **H04W 52/52** (2013.01 - EP US); **H04B 1/709** (2013.01 - EP US); **H04B 1/7093** (2013.01 - EP US); **H04B 2201/70707** (2013.01 - EP US); **H04J 13/10** (2013.01 - EP US); **H04W 52/367** (2013.01 - EP US); **H04W 52/54** (2013.01 - EP US)

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Designated contracting state (EPC)
AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)
US 5563907 A 19961008; AT E220486 T1 20020715; AT E293307 T1 20050415; AT E297075 T1 20050615; AT E299316 T1 20050715; AU 4529796 A 19960724; DE 1041727 T1 20010906; DE 1041728 T1 20010607; DE 1043844 T1 20010503; DE 69527372 D1 20020814; DE 69527372 T2 20030327; DE 69534149 D1 20050519; DE 69534149 T2 20060119; DE 69534253 D1 20050707; DE 69534253 T2 20060427; DE 69534304 D1 20050811; DE 69534304 T2 20060518; DK 1041727 T3 20050815; DK 1041728 T3 20050926; DK 1043844 T3 20051024; EP 0801856 A1 19971022; EP 0801856 A4 19981021; EP 0801856 B1 20020710; EP 1041727 A2 20001004; EP 1041727 A3 20030618; EP 1041727 B1 20050413; EP 1041728 A2 20001004; EP 1041728 A3 20030423; EP 1041728 B1 20050601; EP 1043844 A2 20001011; EP 1043844 A3 20030319; EP 1043844 B1 20050706; EP 1569360 A1 20050831; EP 2264911 A2 20101222; EP 2264911 A3 20110112; EP 2264911 B1 20181017; ES 2154247 T1 20010401; ES 2154247 T3 20051116; ES 2154620 T1 20010416; ES 2154620 T3 20050801; ES 2154621 T1 20010416; ES 2154621 T3 20051101; ES 2179122 T3 20030116; FI 116256 B 20051014; FI 124521 B 20140930; FI 125863 B 20160315; FI 20040634 A 20040504; FI 20050533 A 20050519; FI 20125652 L 20120613; FI 972241 A0 19970527; FI 972241 A 19970904; HK 1031954 A1 20010629; HK 1031955 A1 20010629; HK 1032492 A1 20010720; IL 116444 A0 19960331; IL 116444 A 19990817; IL 128633 A0 20000131; IL 128633 A 20020814; IL 128634 A0 20000131; IL 128634 A 20020912; IL 149967 A0 20021110; JP 2003188766 A 20030704; JP 2003198462 A 20030711; JP 2003224493 A 20030808; JP 2005341562 A 20051208; JP 2006311584 A 20061109; JP 2008029027 A 20080207; JP 2009153199 A 20090709; JP 2009239967 A 20091015; JP 3693332 B2 20050907; JP 3693333 B2 20050907; JP 3736807 B2 20060118; JP 3875180 B2 20070131; JP 3938186 B2 20070627; JP 4058080 B2 20080305; JP 4644234 B2 20110302; JP 4747205 B2 20110817; JP 4772893 B2 20110914; JP H10512113 A 19981117; MY 115391 A 20030531; MY 122591 A 20060429; MY 122599 A 20060429; MY 123400 A 20060531; MY 124192 A 20060630; MY 125376 A 20060731; PT 801856 E 20021129; TW 281837 B 19960721; US 2002085624 A1 20020704; US 2002122460 A1 20020905; US 2002122512 A1 20020905; US 2004190602 A1 20040930; US 2010150207 A1 20100617; US 2011228816 A1 20110922; US 2013142217 A1 20130606; US 2014023117 A1 20140123; US 5574747 A 19961112; US 5673286 A 19970930; US 5835527 A 19981110; US 5920590 A 19990706; US 5995538 A 19991130; US 6175586 B1 20010116; US 6330272 B1 20011211; US 6611548 B2 20030826; US 6671308 B2 20031230;

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